

Abstract

A gas sensor (10) is proposed, whose purpose is to determine a physical property of a measuring gas, in particular to
5 determine the concentration of a gas component or the temperature of an exhaust gas. The gas sensor (10) has a sensor element (20) positioned in a metal housing (21) which is sealed by at least one sealing element (32, 321, 322, 323, 331, 332, 333) positioned in a metal receptacle (31). The
10 metal receptacle (31) is affixed to the housing (21). The sealing element (32, 321, 322, 323, 331, 332, 333) surrounds the sensor element (20) in a centered position along its longitudinal extension L or on its half facing the measuring
15 gas.

(Figure 1)